X-16438.ST25.txt SEQUENCE LISTING

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X-16438, ST25, txt

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X-16438.ST25.txt
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 Arg Cys His Phe Arg Trp Xaa 5
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        (4)..(4)
4-fluoro substituted, D form
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Arg Cys His Phe Arg Trp Xaa 5
<210> 191
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<220>
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X-16438.ST25.txt
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       D form
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        (9)..(9)
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<222>
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         (3)..(3)
D form
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         (6)..(6)
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         MISC_FEATURE
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<210>
         194
<211> 7
<212> PRT
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        Synthetic construct
<220>
<221>
         DISULFID
<222>
        (2)..(7)
<220>
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X-16438.ST25.txt
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<220>
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       MISC_FEATURE
<221>
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<210> 197 <211> 9 <212> PRT <213> Artificial <220> <223> Synthetic construct

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<222> (3)..(9)
<220>
<221>
<222>
        MISC_FEATURE
<222> (3)..(3)
<223> Xaa = homocysteine
<220>
<221> MOD_RES
<222> (6)..(6)
<223> D form
<220>
<221>
         MOD_RES
<222> (9).(9)
<223> AMIDATION
<220>
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1 5
<210> 198
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<212> PRT
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          MOD_RES
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<222> (1)..(6)
<223> S-CH2-S linkage
<220>
<221>
<222>
<223>
          MOD_RES
        (3)..(3)
D form
<220>
<221> MOD_RES
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          (6)..(6)
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 <400> 198
 Cys His Phe Arg Trp Cys
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X-16438.ST25.txt 1 5 199 <210> <211> <212> 9 PRT <213> Artificial <220> <223> Synthetic construct <220> <221> <222> MISC_FEATURE (1)..(1)<223> Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent <220> <221> <222> MISC_FEATURE (1)..(1)<223> Xaa = a modified amino acid including Arg, citrulline, homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine, <220> <221> MISC_FEATURE <222> (1)..(1)Xaa = a modified group including Tyr-Arg, Tyr-citrulline, Cya-Arg, Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys, Tyr-Ser, or Tyr-Val <223> <220> <221> <222> **DISULFID** (2)..(8) <223> S-S or S-CH2-S disulfide bridge <220> <221> MISC_FEATURE <222> (2)..(2)<223> Xaa = Cys, homocysteine, or desamino-cysteine; may be D or L form <220> <221> <222> MISC_FEATURE (3)..(3)Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val, Arg, His, Tyr, Trp, Phe, Lys, Leu, cysteic acid, or is absent <223> <220> <221> <222> MISC_FEATURE (4)..(4)<223> Xaa = His, modified His, or modified Ala; D or L form <220> <221> MISC_FEATURE

<220> <221> MISC_FEATURE <222> (6)..(6) <223> Xaa = Arg or modified Arg; D or L form

<222>

<223>

<220>

(5)..(5)

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Xaa = Phe, modified Phe, or modified Ala; D or L form

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X-16438.ST25.txt
<221> MISC_FEATURE
 <222>
         (8)..(8)
 <223>
        Xaa = Cys, homocysteine, or modified cysteine or homocysteine (such as amide, alcohol, or penicillamine)
<220>
         MISC_FEATURE
<221>
<222>
         (9)..(9)
        Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-OH, Ser alcohol, Ser-Pro alcohol, Arg-Phe-NH2, Glu-NH2, or is absent
<400>
        199
Xaa Xaa Xaa Xaa Xaa Trp Xaa Xaa
1
<210>
         200
<211>
<21.2>
        PRT
        Artificial
<213>
<220>
<223>
        Synthetic construct
<220>
<221>
        MISC_FEATURE
<222>
        (1)..(1)
<223>
        Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent
<220>
<221>
        MISC_FEATURE
<222>
        (1)..(1)
<223>
        Xaa = a modified amino acid including Arg, citrulline,
        homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine,
        or Val
<220>
<221>
<222>
        MISC_FEATURE
        (1)..(1)
        Xaa = a modified group including Tyr-Arg, Tyr-citrulline,
<223>
        Cya-Arg, Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys,
        Tyr-Ser, or Tyr-Val
<220>
        DISULFID
<221>
<222>
        (2)..(8)
<220>
<221>
        MISC_FEATURE
<222>
        (2)..(2)
<223>
        Xaa = Cys or homocysteine
<220>
<221>
<222>
        MISC_FEATURE
        (3)..(3)
<223>
        Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val, Arg, His, Tyr, Trp, Phe, Lys, Leu, cysteic acid, or is absent
<220>
<221>
        MOD_RES
<222>
       (4)..(4)
```

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X-16438.ST25.txt
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 <220>
<221>
<222>
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        (5)..(5)
<223>
        Phe may be optionally substituted
<220>
<221>
<222>
        MISC_FEATURE
        (8)..(8)
<223>
        Xaa = Cys, homocysteine, or modified cysteine or homocysteine
        such as amide
<220>
        MISC_FEATURE
<221>
<222>
        (9)..(9)
        Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-OH, Ser
<223>
        alcohol, Ser-Pro alcohol, Arg-Phe-NH2, Glu-NH2, or is absent
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       200
Xaa Xaa Xaa His Phe Arg Trp Xaa Xaa
<210>
        201
<211>
<212>
       9
       PRT
<213>
       Artificial
<220>
<223>
       Synthetic construct
<220>
<221>
<222>
       MISC_FEATURE
        (1)..(1)
<223>
       Xaa = Arg, Tyr-Arg, Tyr-beta-Arg, or is absent
<220>
<221>
<222>
       MISC_FEATURE
        (1)..(1)
<223>
       Xaa = a modified amino acid including Arg, citrulline.
       homoarginine, Leu, Lys, N-isopropyl-Lys, norleucine, ornithine,
       or Val
<220>
<221>
       MISC_FEATURE
<222>
       (1)..(1)
<223>
       Xaa = a modified group including Tyr-Arg, Tyr-citrulline,
       Tyr-homoarginine, Tyr-1-beta-homoarginine, Tyr-Lys, Tyr-Śer, or
       Tyr-Val
<220>
<221>
       DISULFID
<222>
       (2)..(8)
<220>
<221>
<222>
       MISC_FEATURE
       (2)..(2)
<223>
       Xaa = Cys or homocysteine
<220>
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X-16438.ST25.txt
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<222> (3)..(3)
<223> Xaa = Glu, Gln, Asp, Asn, Ala, Gly, Thr, Ser, Pro, Met, Ile, Val,
Arg, His, Tyr, Trp, Phe, or is absent
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<222>
<223>
         MOD_RES
         (4)..(4)
His may be optionally substituted
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<221>
<222>
<223>
         MOD_RES
         (5)..(5)
Phe may be optionally substituted
<220>
<221>
<222>
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         (8)..(8)

Xaa = Cys, homocysteine, or modified cysteine or homocysteine such as amide
<223>
<220>
<221>
<222>
         MISC_FEATURE
         (9)..(9)
<223>
         Xaa = Ser-Pro-NH2, Lys-Pro-NH2, Ser-OH, Ser-Pro-OH, Lys-Pro-OH,
         Arg-Phe-NH2, Glu-NH2, or is absent
<400>
Xaa Xaa Xaa His Phe Arg Trp Xaa Xaa
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